



## State of Nevada – Department Of Personnel

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### CLASS SPECIFICATION

<u>TITLE</u>	<u>GRADE</u>	<u>EEO-4</u>	<u>CODE</u>
RESEARCH DAIRY MANAGER	34	B	9.504

#### DEFINITION OF THE CLASS:

Under the general supervision of a professional faculty member, manages the dairy operation program of the Nevada Agricultural Experimental Station; develops and implements a breeding program; supervises and participates in the feeding and care of a herd consisting of at least 160 head of dairy cattle; assists with research project implementation; and performs related duties as required.

EXAMPLES OF WORK: (The following is used as a partial description and is not restrictive as to duties required.)

Develops and implements a breeding program to maintain the quality of the dairy herd by: analyzing livestock records to select bulls; artificially inseminating the cows at the appropriate time; culling the herd; calving the cows; evaluating the results of the breeding program; maintaining livestock records.

Directs milking operations to produce milk which is sold to support the dairy facility by: scheduling milking assignments; ensuring milking equipment and facilities are maintained in a sanitary condition; ensuring production activities comply with state regulations; ensuring cows receiving medication are not milked into the tank; monitoring the bacteria count in milk to ensure the quality meets state standards; monitoring and recording data regarding milk production, quality, and product distribution.

Directs and participates in feeding the dairy animals which includes: consultation with professional faculty to determine the appropriate type of feed based on both production and research considerations; locating a supplier and purchasing the feed; developing, mixing and feeding rations which satisfy the animal's nutritional requirements.

Maintains the health of the dairy herd by: monitoring the condition of the animals; administering vaccinations, treating udder disorders; maintaining somatic cell counts; culling the herd; consulting a veterinarian when necessary.

Assists with research implementation and monitoring by: carrying out the instructions of the researchers; providing feedback and suggestions; drawing blood and milk samples; collecting and recording data pertinent to the project.

Directs and supervises student workers engaged in milking, feeding, and caring for the herd and maintaining the facility which includes: hiring; providing training and guidance; scheduling, assigning and reviewing work.

Maintains the milk barn, farm equipment, and milk equipment such as vacuum pumps, compressors, milk tank, and milking machine and pipeline in proper working order by performing basic service, maintenance, and repairs. Recommends modifications and improvements which will increase the efficiency and cost effectiveness of dairy operations.

May serve as an instructor for courses in dairy production by providing classroom instruction and practical training.

FULL PERFORMANCE KNOWLEDGE, SKILLS AND ABILITIES REQUIRED: (These may be acquired on the job and/or needed to perform the work assigned.)

General knowledge of State and agency policies and procedures regarding purchasing, personnel, and agricultural research facilities and operations. General knowledge of state regulations pertinent to dairy operations.

Ability to supervise staff including scheduling, training, assigning, reviewing and evaluating work. Ability to organize and present educational material in a logical sequential manner and impart knowledge of dairy operations to students.

ENTRY KNOWLEDGE, SKILLS AND ABILITIES REQUIRED: (Applicants will be screened for possession of these through written, oral, performance or other evaluation procedures.)

Working knowledge of farm/ranch management, principles and practices. Working knowledge of the methods, procedures, and equipment used in milk production operations. Working knowledge of common bovine disorders and proper treatment of common bovine ailments. Working knowledge of breeding programs and record keeping requirements for purebred dairy cattle. Working knowledge of the feeding requirements of young calves, heifers, lactating and dry bovine.

Ability to establish and maintain records and files pertaining to dairy operations and livestock. Ability to read and interpret Dairy Herd Improvement Association records. Ability to communicate effectively with professional faculty members regarding research project requirements and results. Ability to establish and maintain a cooperative working relationship with agency personnel and the general public.

Skill in operating and repairing farm equipment and milking equipment and machinery. Skill in feeding, milking and caring for dairy animals. Skill in heat detection and artificial insemination techniques.

EDUCATION AND/OR WORK EXPERIENCE:

I

Bachelor's degree in animal science, agricultural economics, biochemistry, or a closely related field plus two years technical or professional experience which included responsibility for breeding and caring for dairy cattle and directing milk production operations; OR

II

An equivalent combination of education and experience that provided the applicant with the entry level knowledge, skills and abilities.

This class specification is used for classification, recruitment and examination purposes. It is not to be considered a substitute for work performance standards for positions assigned to this class.

ESTABLISHED:	9.504 3/17/78R 5/18/78PAC
REVISED:	4/8/83
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